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United States Patent [19]

Lee et al.

[11] Patent Number: **5,637,345**[45] Date of Patent: ***Jun. 10, 1997**[54] **METHOD OF MANUFACTURING
POWDERED DEER BLOOD**[75] Inventors: **Youn S. Lee**, Christchurch, New
Zealand; **Hyung S. Lee**, Seoul, Rep. of
Korea[73] Assignee: **National Deer Horn Limited**,
Christchurch, New Zealand[*] Notice: The term of this patent shall not extend
beyond the expiration date of Pat. No.
5,460,677.[21] Appl. No.: **584,748**[22] Filed: **Jan. 11, 1996****Related U.S. Application Data**[63] Continuation-in-part of Ser. No. 284,159, Aug. 2, 1994, Pat.
No. 5,505,980.[30] **Foreign Application Priority Data**

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[51] Int. Cl.⁶ **A23L 1/311; A23L 1/313**[52] U.S. Cl. **426/647; 426/385; 426/444;**
426/473[58] Field of Search **426/647, 385,**
426/444, 473[56] **References Cited****U.S. PATENT DOCUMENTS**

4,098,780	7/1978	Lindroos	426/647 X
4,330,463	5/1982	Luijterink	426/647 X
4,446,066	5/1984	Luijterink	426/647 X
4,666,725	5/1987	Yamashita et al.	426/647 X
4,986,998	1/1991	Yoo et al.	426/647

FOREIGN PATENT DOCUMENTS

1-211452	8/1989	Japan	426/647
1738219	6/1992	U.S.S.R.	426/647

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Welter & Schmidt[57] **ABSTRACT**

Powdered deer blood, preferably that of a stag, can be produced according to a method which comprises the steps of freezing the blood of a deer, cutting the frozen blood into slices, freeze-drying the slices of frozen blood and grinding down the freeze-dried blood into a powder. The invention also relates to the product formed from the aforementioned method.

8 Claims, No Drawings

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